

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| L6 | 31 | ((digital adj analog adj converter\$4) or dac) and 5 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:42 |
| L7 | 584 | (381/123 or 381/28).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:55 |
| L8 | 3 | ((digital adj analog adj converter\$4) or dac) and 7 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:50 |
| L9 | 4781 | (341/143-145).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:57 |
| L10 | 868 | ((digital adj analog adj converter\$4) or dac) and 9 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:56 |
| L11 | 381 | ((digital adj analog adj converter\$4) or dac) and 9 and 2 AND @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:51 |
| L12 | 1575 | (375/216 or 375/242).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:54 |
| L13 | 51 | ((digital adj analog adj converter\$4) or dac) and 12 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:54 |
| L14 | 323 | (370/269 or 370/355).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:56 |
| L15 | 2 | ((digital adj analog adj converter\$4) or dac) and 14 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:57 |
| L16 | 365 | (341/110).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:57 |

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|----|---------|---|---|----|-----|------------------|
| | | (S75 adj bit\$2 or S83 bit\$2 or "20" adj bit\$3) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:09 |
| | | (S75 adj bit\$2 or S83 bit\$2 or "32" adj bit\$3) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:08 |
| | | (S75 adj bit\$2 or S83 bit\$2 or "32" adj bit\$3) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:08 |
| | | (S75 adj bit\$2 or S83 bit\$2 or "32" bit\$3) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:07 |
| | | ((digital adj analog) adj converters) or dav) | USPAT; EPO | OR | OFF | 2004/09/04 14:47 |
| | | ((("381"/\$).ccls.) and transformer and (audio or sound) and ((pc) adj bard) or board) | USPAT; EPO | OR | OFF | 2002/12/04 09:09 |
| | | "3" and "704"/\$.ccls. | USPAT; EPO | OR | OFF | 2002/04/10 16:33 |
| | | (8bit adj "3") same (16bit adj "3") | USPAT; EPO | OR | OFF | 2002/04/10 16:15 |
| | | (8bit adj3) same (16bit adj3) | USPAT; EPO | OR | OFF | 2006/07/06 15:03 |
| L1 | 24237 | ((rout\$3 or Switch\$3 or select\$3) with (audio with signal)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:38 |
| L2 | 1685443 | (quality resolution) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:39 |
| L3 | 576 | (375/262 or 375/256).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:54 |
| L4 | 16 | ((digital adj analog adj converter\$4) or dac) and L3 and L2 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/08/01 16:43 |
| L5 | 933 | (700/94).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 16:50 |

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|----------|--------|---|---|----|-----|------------------|
| S26 3 | 530470 | plurality same digital-to-analog converter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:41 |
| S26 4 | 15944 | computer and digital adj audio | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:41 |
| S26 5 | 65524 | plurality same (digital-to-analog converter\$1 or DAC) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:41 |
| S26 6 | 381 | S264 and S265 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:18 |
| S26 7 | 22680 | coder-decoder\$1 or (codec\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:19 |
| S26 8 | 381 | S264 and S266 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:21 |
| S26 9 | 381 | S265 and S266 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:19 |
| S27 0 | 24769 | (coder adj decoder\$1) or (codec\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:20 |
| S27 1 | 38 | S267 and S266 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 12:21 |
| S27 2 | 1613 | (plural or different) same (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:34 |
| S27 3 | 48 | (plural or different or multiple or plurality) adj (digital adj source\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:43 |
| S27 4 | 0 | S272 and S273 and computer and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:44 |

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|----------|-----|---|---|----|-----|------------------|
| S27 5 | 11 | S273 and computer and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:38 |
| S27 6 | 426 | (plural or different or multiple or plurality) adj (digital adj audio) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:43 |
| S27 7 | 2 | S272 and S276 and computer and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/12 09:44 |
| S27 8 | 19 | ("3803363" "3949175" "4922537" "5343352" "5647008" "5792971"). PN. OR ("5963153").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/12 10:29 |
| S27 9 | 6 | "6201486" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/12 10:29 |
| S28 0 | 9 | ("4449091" "5016106" "5715252" "5963153" "6055019" "6057789"). PN. OR ("6201486").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/12 10:30 |

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|----------|-----|---|---|----|-----|------------------|
| S25 0 | 696 | ("8" adj bit\$3) and ("16" adj bit\$3) same converter same controll\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:25 |
| S25 1 | 0 | ((700/94).ccls.) and S250 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:27 |
| S25 2 | 2 | (("381"/\$).ccls.) and S250 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:26 |
| S25 3 | 221 | (d/a or (digital adj3 analog)) near5 qualit\$4 near3 converter | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/05 13:27 |
| S25 4 | 1 | ((700/94).ccls.) and S253 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:29 |
| S25 5 | 4 | (("381"/\$).ccls.) and S253 and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:29 |
| S25 6 | 2 | (("4450433") or ("6356545")).PN. | USPAT; USOCR | OR | OFF | 2006/07/06 15:06 |
| S25 7 | 12 | "4450433" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/06 15:07 |
| S25 8 | 9 | ("4450433").URPN. | USPAT | OR | ON | 2006/07/06 15:16 |
| S25 9 | 0 | (standerd adj quality adj audio adj source) and (high adj quality adj audio adj source) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:36 |
| S26 0 | 0 | (standard adj quality adj audio adj source\$1) and (high adj quality adj audio adj source\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:37 |
| S26 1 | 0 | (standard adj quality adj audio adj source\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:37 |
| S26 2 | 0 | (standard adj digital adj audio adj source\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/11 11:38 |

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|----------|-----|---|---|----|-----|------------------|
| S24 1 | 22 | (370/269).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:24 |
| S24 2 | 0 | (704/72 or 704/69).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:25 |
| S24 3 | 0 | (704/22 or 704/69).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:25 |
| S24 4 | 2 | (704/22)".ccls" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:26 |
| S24 5 | 0 | (704/72)".ccls" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:26 |
| S24 6 | 0 | (704/69)".ccls" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 12:26 |
| S24 7 | 106 | (((rout\$3 or Switch\$3 or select\$3) with (audio with signal)) same (computer or controll\$3)) and (("341"/\$).CCLS.) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:19 |
| S24 8 | 47 | (((rout\$3 or Switch\$3 or select\$3) with (audio with signal)) same (computer or controll\$3)) and (("341"/\$).CCLS.) and @ay<="1998" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:19 |
| S24 9 | 1 | (8-bit\$2 same 16-bit\$2) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/07/05 13:23 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| | | priority with (sound or audio or digital) near(Signal\$ or source\$)and((digital near analog\$) and converter)or D-A and highest adj priority | USPAT; EPO | OR | OFF | 2002/04/15 10:35 |
| | | priority with (sound or audio or digital) near(Signal\$ or source\$)and((digital near analog\$) and converter)or D-A | USPAT; EPO | OR | OFF | 2002/04/15 10:32 |
| | | priority with (sound or audio or digital) near(Signal\$ or source\$) | USPAT; EPO | OR | OFF | 2002/04/15 10:26 |
| | | S218 same S219 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/09 09:45 |
| | | S218 same S219 and @ay<="1998" | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/09 09:45 |
| | | ((digital adj analog adj converter\$4) or dac)) or (codec) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/07 09:01 |
| | | ((((rout\$3 or Switch\$3 or select\$3) | USPAT; USOCR; EPO | OR | OFF | 2005/09/03 15:39 |
| | | EP-0855715_\$.did. | USPAT; USOCR; EPO | OR | ON | 2005/09/03 15:36 |
| | | "6215737".pn. and computer | USPAT; EPO | OR | OFF | 2005/04/05 17:10 |
| | | "6215737".pn. and computer | USPAT; EPO | OR | OFF | 2005/04/05 17:09 |
| | | (S75 bit\$2 or S83 bit\$2) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:11 |
| | | (S75 near1 bit\$2 or S83 near1 bit\$2) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:10 |
| | | (S75 adj bit\$2 or S83 bit\$2) adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:09 |

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| S71 | 10 | high\$3 adj quality same (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 15:12 |
| S72 | 2 | "5041831" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 15:13 |
| S73 | 734 | (plural or different) same (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 09:33 |
| S74 | 12 | (plural or different) adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 15:28 |
| S75 | 6 | (plural or different or plurality) near4 audio adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 15:36 |
| S76 | 0 | (plural or different or plurality) near4 audio adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 15:38 |
| S77 | 0 | (one or more) near4 audio adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 15:38 |
| S78 | 0 | (one or more) near4 audio adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 15:39 |
| S79 | 16 | ((700/94).cccls.) and (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:01 |
| S80 | 0 | high adj quality adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:04 |
| S81 | 0 | standard adj quality adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:04 |
| S82 | 0 | standard adj quality adj (((digital adj analog) or (d/a))adj converters) and @ay<="1998" | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 16:04 |
| S83 | 0 | standard adj quality adj (((digital adj analog) or (d/a))adj converters) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/04 16:04 |
| S84 | 0 | standard adj quality adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:04 |
| S85 | 1 | high adj quality adj (((digital adj analog) or (d/a))adj converters) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/04 16:05 |